O' JORG E	Sheet _	1 of <u>5</u>
St. L.	Atty. Docket No. 1673P1	10/627,776
OF CITATIONS BY APPLICANT several sheets if necessary)	Applicant Stuart D. Hellring, et	al.
	Filing Date July 28, 2003	Group 1763

Exam. Init.		Document No.	Date	Name	Class	Subclass	Filing Date if appropriate
9149	AA	5,720,551	02/24/98	T. Shechter	366	147	
NO	AB	5,904,159	05/18/99	H. Kato, et al.	134	7	
	AC	5,980,775	11/09/99	S.K. Grumbine, et al.	252	79.1	
apple	AD	6,136,711	10/24/00	S.K. Grumbine, et al.	438	692	
100	AE					<u>.</u>	
<u> </u>	AF		<u> </u>				
	AG						
	AH	<u> </u>					
	AI	_					
	AJ						
	AK				,		

FOREIGN PATENT DOCUMENTS

		Document No.	Date	Country	Class	Subclass	Transla Yes	ation No
grag	AL	WO 00/39056	06.07.00	PCT			10	
0	AM							
	AN							
	AO			:				
	AP							

OTHER CITATIONS (Including Author, Title, Date, Pertinent Pages, Etc.)

R.B. Anderson and P.H. Emmett, "Measurement of Carl	
AS Electron Microscope and Low Temperature Nitrogen Action of Applied Physics, Volume 19, April, 1948, pp. 367-	dsorption Isotherms", Journal
AT ASTM D 1993-91 "Standard Test Method for Precipital Multipoint BET Nitrogen Adsorption"	ted Silica-Surface Area by

Examiner Date Considered	
$\langle \mathcal{A} \wedge \mathcal{A} \wedge \mathcal{A} \rangle = \langle \mathcal{A} \wedge \mathcal{A} \rangle$	
3 COV 4/2 (300/1/ Carc 10-05.	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

	_	_	
Sheet	2	o£	5

·	Atty. Docket No. 1673P1	10/627,776
(Use second sheets if necessary)	Applicant Stuart D. Hellring, e	t al.
THE E	Filing Date July 28, 2003	Group [763

Exam. Init.	F-8 TRA	Document No.	Date	Name	Class	Subclass	Filing Date if appropriate
	AA						
	AB						
	AC						
	AD						
	AE		_				
	AF						
	AG						
	АН						
	AI		L				!
	ΑJ						
	AK						

FOREIGN PATENT DOCUMENTS

	Document No.	Date	Country	Class	Subclass	Transla Yes	tion No
AL							
AM							
AN							
AO							
AP							

OTHER CITATIONS (Including Author, Title, Date, Pertinent Pages, Etc.)

on Aa	AR	French Standard NF T 45-007, "Primary Materials for the Rubber Industry: Precipitated Hydrated Silica", Section 5.12, Method A, pp. 66-76, November 1987
ala		Lee M. Cook, "Chemical Processes in Glass Polishing", Journal of Non-Crystalline Solids, 1990, 120, 152-171
ONA	AT	Y. Li and S.V. Babu, "Chemical Mechanisms in CMP of Cu and Ta Using Silica Abrasives," Fifth Annual CMP Symposium 2000, August 14, 2000, Lake Placid, New York
77 1		

Examiner			Date Considered
	Sence	(·	
	120000	1 This division in	10-05
	Volge	Julyean	

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Sheet	2		_
sneet	ک ۔	of	5

•	Atty. Docket No. 1673P1	10/627,776	
(Use soveral sheets if necessary)	Applicant Stuart D. Hellring, et al.		
7000	Filing Date July 28, 2003	Group 1763	

Exam. Init.	RADE	Document No.	Date	Name	Class	Subclass	Filing Date if appropriate
	AA						
	AB		<u>. </u>				
	AC						
	AD						
	AE						
	AF		<u> </u>				
-	AG						
	AH						
	AI						
	AJ						
	AK						

FOREIGN PATENT DOCUMENTS

	Document No.	Date	Country	Class	Subclass	Transla Yes	tion No
AL							
АМ							
AN							
AO							
AP							

OTHER CITATIONS (Including Author, Title, Date, Pertinent Pages, Etc.)

GAG AR	Y. Li, A. Jindal and S.V. Babu, "Role of Chemicals and Abrasive Particle Properties in Chemical-Mechanical Polishing of Copper and Tantalum, Proc." The Electrochemical Society 198 th Meeting, Phoenix. Arizona, October 22-27, 2000
AS	ASTM Standards, Method A of D-280, Volume 06.02 (Reapproved 1987) "Standard Test Methods for Hygroscopic Moisture (and Other Matter Volatile Under the Test Conditions) in Pigments"
OPPO AT	John H. Perry, Chemical Engineers Handbook, 4 th Edition, McGraw-Hill Book Company, New York (1963), Library of Congress Catalog Card Number 6113168, pages 8-42 and 8-43

Examiner _	^	Date Considered ,
	/)	2000 00.00100100
1-200000	$b / m \alpha .$	$I \sim -0.5 I$
29142 11 DIL	e reau	$1 \qquad 10^{-0.5}$
3 11 k 0 000	a 1000	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

	Atty. Docket No. 1963P1	10/627,776
(Use goveral sheets if necessary)	Applicant Stuart D. Hellring, e	t al.
OCT 2 3 2003	Filing Date July 28, 2003	Group [763

Exam. Init.		Document No.	Date	Name	Class	Subclass	Filing Date if appropriate
	аа						
	AB						
	AC						
	AD_	<u> </u>					
	AE						,
	AF						
·	AG						
	AH						
	AI	·					
	AJ						
	AK						

FOREIGN PATENT DOCUMENTS

	Document No.	Date	Country	Class	Subclass	Transla Yes	tion No
AL							,
AM							
AN					,		
AO							
AP							

OTHER CITATIONS (Including Author, Title, Date, Pertinent Pages, Etc.)

GAROX	AR	Warren L. McCabe and Julian C. Smith, "Unit Operations of Chemical Engineering", 3 rd Edition, McGraw-Hill Book Company, New York (1976) ISBN 0-07-044825-6, pages 844-845
ملم	AS	F.E. Albus, "The Modern Fluid Energy Mill," Chemical Engineering Progress, Volume 60, No. 6 (June 1964), pages 102-106
9940	AT	Ralph K. Iler, "The Chemistry of Silica," 1979 John Wiley & Sons, Inc., New York, Chapter 5
07		

Examiner _	^ -	Date Considered	
	(1) (1),		
1 -enville	\ \mathread \mathread \ \mathread \mathread \mathread \mathread \mathread \ \mathread \ \mathread \ \mathread \mathr	1 12 21 5	
9-01-90	you a rear	1 10-00	
			

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Shee	t	5	of	5

	Atty. Docket No. 1673P1	10/627,776
(Use averal sheets if necessary)	Applicant Stuart D. Hellring, e	t al.
NCT 2 3 7000 5	Filing Date July 28, 2003	Group 1763

Exam. Init.		Document No.	Date	Name	Class	Subclass	Filing Date if appropriate
	AA_						
	AB						
	AC						
	AD		<u> </u>				
	AE					,	
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

FOREIGN PATENT DOCUMENTS

	Document No.	Date	Country	Class	Subclass	Transla Yes	tion No
AL							
AM							
AN							
AO					,		
AP	·						

OTHER CITATIONS (Including Author, Title, Date, Pertinent Pages, Etc.)

OUR	X	AR	U.S. Serial No: 09/882,548 filed 06/12/02 "A SILICA-BASED SLURRY"
7	Ŋ	AS	U.S. Serial No. 60/401,131 filed 08/05/02 "A SILICA-BASED SLURRY COMPOSITION"
O(XX		АТ	U.S. Serial No. 60/401,108 filed 08/05/02 "CMP COMPOSITION AND SLURRY"
1.	Π		

Examiner		Date Considered	
Georgo	TOLA CEAU	10-051	
W	O TO TON		

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Sheet	1	ο£	1

•					•		355		·	
					Atty. 1673P	Docket 1	No.		10/627,	776
	LIST	OF CITATIONS E	BY APPLICAN	r		Applicant				
6\V	UBEEB	exeral sheets	if necessa:	ry)			llring,			
7.0		S. S			Filin	Filing Date Group			200	
/		2			July	28, 200	3			162
100	1 2 200	0 57	,	v.s.	PATENT DOCUM	ENTS			· ·	
Exame Init	PADEN	Document No.	Date	Nam	e		Class	S	Subclass	Filing Date if appropriate
anda	AA	5,484,581	01/16/96	н.	Esch, et al.		423	3	335	
SAN	AB	6,063,306	05/16/00	V.B	. Kaufman, et a	1.	252	2	79.4	
<u>0' '0</u>	AC									
	AD						<u> </u>			
	AE			<u> </u>						ļ <u></u>
	AF			ļ			ļ			
,	AG			ļ			ļ		· · · · · · · · · · · · · · · · · · ·	
t.	АН	·				_				
	AI			<u> </u>						
	AJ			 			ļ			
	AK			1		-			-	1
			FC	REIG	N PATENT DOCU	MENTS				
		Document No.							T	Translation
	ı	1	Date		Country		Class	Subc	lass	Yes No

		Document No.		ı			Transla	tion
1		1	Date	Country	Class _	Subclass	Yes	No
Charle	AL	WO 97/45366	04.12.97	PCT				
TAG		WO 02/102910 A1	27.12.02	PCT				
1.0	AN							
	AO							
	AP							

OTHER CITATIONS (Including Author, Title, Date, Pertinent Pages, Etc.)

989	AR	Silica and A Silica-Based Slurry, Stuart D. Hellring, Patent Application Publication No. US 2003/0094593 A1	et al.,	United States	
0.0	AS				
	AT				,

Examiner	\wedge	Date Considered
(seorge	Goud rean	10-05

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.